

01-26-2005

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Atty Ref/Docket No.: 1864.007US1

102925595

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Roshan Rajendra Baliga, Rahul Garg, Rajendra Kumar and Sreenath Ramanath

Additional name(s) of conveying party(ies) attached?  
 Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: ~~December 29, 2004, December 29, 2004, December 29, 2004, December 29, 2004~~

2. Name and address of receiving party(ies):

Name: Ittiam Systems (P) Ltd.

Street Address: Consulate 1, 1 Richmond Road

Bangalore 560 025 India

Additional name(s) & address(es) attached?  Yes  No

113010 U.S. PTO  
11/028900  
010305

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 29, 2004, December 29, 2004, December 29, 2004, December 29, 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Prakash Nama

Address:  
Global IP Services, PLLC, c/o PortfolioIP  
P.O. Box 52050  
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
- Authorized to be charged to Credit Card

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Prakash Nama/Reg. No. 44,255  
Name of Person Signing

*Prakash Nama*  
Signature

1/3/2005  
Date

Total number of pages including cover sheet: 3

Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks**  
**Mail Stop Assignment Recordation Services**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

01/07/2005 EFLORES 00000053 11028900

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40.00 DP

**PATENT**  
**REEL: 016166 FRAME: 0892**

## ASSIGNMENT

WHEREAS, We, Roshan Rajendra Baliga, residing at 4/1, 2nd Floor, 14A Cross, Indiranagar II stage, Bangalore, Karnataka 560 038 India, and Rahul Garg, residing at House No. 1619, Sector 7E, Faridabad, Haryana 121006 India, and Rajendra Kumar, residing at 154, "Gitanjali", 10th Main, Sector 7, HSR layout, Bangalore, Karnataka 560 034 India, and Sreenath Ramanath, residing at 215, 1st G Cross, 3rd Stage, 4th Block, Basaveshwaranagar, Bangalore, Karnataka 560079 India, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on even date herewith, which is entitled METHOD AND APPARATUS FOR COMBINING DE-INTERLEAVING WITH FFT AND DEMAPPING;

AND WHEREAS, Ittiam Systems (P) Ltd., a corporation organized and existing under and by virtue of the laws of the Country of India, and having an office and place of business at Consulate 1, 1 Richmond Road, Bangalore, 560 025 India (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29<sup>th</sup> day of DECEMBER, 2004.

R R Baliga  
Roshan R. Baliga

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29<sup>th</sup> day of DECEMBER, 2004.

R Garg  
Rahul Garg

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29<sup>th</sup> day of DECEMBER, 2004.

Rajendra Kumar  
Rajendra Kumar

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29<sup>th</sup> day of DECEMBER, 2004.

Sreenath Ramanath  
Sreenath Ramanath